

WHAT IS CLAIMED IS:

1. A dustproof and waterproof switch, comprising:

a hollow casing, having a bottom with two pole holes, extending outward a case frame from a top thereof and providing a support member at an inner wall thereof;

a contact pole device, having a stationary pole and a support pole being inserted into and locating at one of the pole holes and having an arc pole attached to a top of the support pole such that the arc pole can swing leftward and rightward;

an axial joint member, being disposed in the casing and lap joining with the support pole, providing a central fitting hole with a front side and a rear side of which extending a joining plate;

a catch member, being provided with a shape of frame with a concave downward upper plane at the central top thereof, having a front and a rear walls with an axial hole respectively to correspond to the two axial projections, at a bottom thereof extending downward a hollow post for receiving and locating an extendable stir rod, an elastic piece being placed between the hollow post and the stir rod to allow the stir rod contacting with the arc contact pole constantly; and

a covering member, being made of high molecular plastic material, having inner walls of an arc recess part at a top thereof joining with the concave downward upper plane of the catch member by way of injection molding and having a joining rim at a bottom edge thereof for fitting with the casing frame and closing an upper part of the casing completely;

whereby, an end of the covering member is pressed down, the stir rod can slide on the arc contact pole to selectively contacts with or detaches from a stationary contact pole in the switch for performing power on or off.

2. The dustproof and waterproof switch as defined in claim 1, wherein the casing at a right and a left sides thereof extends outward a bow- shaped buckle

respectively.

3. The dustproof and waterproof switch as defined in claim 2, wherein the elastic lock at an upper portion thereof is an engaging track section and at a lower portion thereof is a flat section.

5        4. The dustproof and waterproof switch as defined in claim 1, wherein the support member at two inner walls thereof extends longitudinally a section of support post with an insert projection extending from a top thereof.

10       5. The dustproof and waterproof switch as defined in claim 1, wherein the arc contact pole and the stationary contact pole have an end respectively opposite to each other with a movable nodal point attached to the end of the arc contact pole and a stationary nodal point attached to the end of the stationary contact pole.

6. The dustproof and waterproof switch as defined in claim 1, wherein a spring is disposed between the hollow post and the stir rod.

15       7. The dustproof and waterproof switch as defined in claim 1, wherein the axial joint member at the two opposite axial plates thereof extends outward an axial projection respectively to fit with a fitting hole provided at the front and the rear walls of the catch member respectively.

8. The dustproof and waterproof switch as defined in claim 1, wherein the axial projection at a top thereof has an inclining line.

20       9. The dustproof and waterproof switch as defined in claim 1, wherein the axial joint member at a left and a right sides thereof provides a left stopper and a right stopper as limits for the catch member at a left end edge and a right edge thereof pressing leftward and rightward.

10. The dustproof and waterproof switch as defined in claim 1, wherein the

covering member has a shape of steps and is made of PVC.